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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 1254-0321PUS1 U.S. APPLICATION NO. (if known, see 37 CFR 1.5)
INTERNATIONAL APPLICATION NO. PCT/JP2005/003232	INTERNATIONAL FILING DATE 21 February 2005	PRIORITY DATE CLAIMED 20 February 2004
TITLE OF INVENTION NUCLEIC ACID CONSTRUCT CONTAINING FULLLENGTH GENOME OF HUMAN HEPATITIS C VIRUS, RECOMBINANT FULLLENGTH VIRUS GENOME-REPLICATING CELLS HAVING THE, etc.		
APPLICANT(S) FOR DO/EO/US Takaji WAKITA; Takanobu KATO; Tomoko DATE; Michiko MIYAMOTO; Jun-ichi TANABE; and Saburo SONE		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))</p> <p>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>a. <input checked="" type="checkbox"/> is attached hereto.</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>Items 11 to 20 below concern document(s) or information included:</p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

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**PETITION FEE
Under 37 CFR 1.17(f), (g) & (h)
TRANSMITTAL**

(Fees are subject to annual revision)

Send completed form to:

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Application Number	NEW
Filing Date	August 17, 2006
First Named Inventor	Takaji WAKITA
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	1254-0321PUS1

Enclosed is a petition filed under 37 CFR 1.84 that requires a processing fee (37 CFR 1.17(f), (g), or (h)). Payment of \$ 130.00 is enclosed.

This form should be included with the above-mentioned petition and faxed or mailed to the Office using the appropriate Mail Stop (e.g., Mail Stop Petition), if applicable. For transmittal of processing fees under 37 CFR 1.17(i), see form PTO/SB/17i.

Payment of Fees (small entity amounts are NOT available for the petition fees).

The Commissioner is hereby authorized to charge the following fees to Deposit Account No. 02-2448
 petition fee under 37 CFR 1.17(f), (g) or (h) any deficiency of fees and credit of any overpayments
 Enclose a duplicative copy of this form for fee processing.

Check in the amount of \$ 2,110.00 is enclosed.

Payment by credit card (Form PTO-2038 or equivalent enclosed). Do not provide credit card information on this form.

Petition Fees under 37 CFR 1.17(f): Fee \$400 Fee Code 1462

For petitions filed under:

§ 1.36(a) – for revocation of a power of attorney by fewer than all applicants.
 § 1.53(e) – to accord a filing date.
 § 1.57(a) – to accord a filing date.
 § 1.182 – for decision on a question not specifically provided for.
 § 1.183 – to suspend the rules.
 § 1.378(e) – for reconsideration of decision on petition refusing to accept delayed payment of maintenance fee in an expired patent.
 § 1.741(b) – to accord a filing date to an application under § 1.740 for extension of a patent term.

Petition Fees under 37 CFR 1.17(g): Fee \$200 Fee Code 1463

For petitions filed under:

§ 1.12 – for access to an assignment record.
 § 1.14 – for access to an application.
 § 1.47 – for filing by other than all the inventors or a person not the inventor.
 § 1.59 – for expungement of information.
 § 1.103(a) – to suspend action in an application.
 § 1.136(b) – for review of a request for extension of time when the provisions of section 1.136(a) are not available.
 § 1.295 – for review of refusal to publish a statutory invention registration.
 § 1.296 – to withdraw a request for publication of a statutory invention registration filed on or after the date the notice of intent to publish issued.
 § 1.377 – for review of decision refusing to accept and record payment of a maintenance fee filed prior to expiration of a patent.
 § 1.550(c) – for patent owner requests for extension of time in ex parte reexamination proceedings.
 § 1.956 – for patent owner requests for extension of time in inter partes reexamination proceedings.
 § 5.12 – for expedited handling of a foreign filing license.
 § 5.15 – for changing the scope of a license.
 § 5.25 – for retroactive license.

Petition Fees under 37 CFR 1.17(h): Fee \$130 Fee Code 1464

For petitions filed under:

§ 1.19(g) – to request documents in a form other than that provided in this part.
 § 1.84 – for accepting color drawings or photographs.
 § 1.91 – for entry of a model or exhibit.
 § 1.102(d) – to make an application special.
 § 1.138(c) – to expressly abandon an application to avoid publication.
 § 1.313 – to withdraw an application from issue.
 § 1.314 – to defer issuance of a patent.

August 17, 2006

Date

Signature

Andrew D. Meikle

Typed or printed name

32,868

Registration No., if applicable

10/589902

IAP6 Rec'd PCT/PTO 17 AUG 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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- a. A check in the amount of \$ 2,110.00 to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. 02-2448 in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2448. A duplicate copy of this sheet is enclosed.
- d. Fees are to be charged to a credit card. **WARNING: Information on this form may become public. Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.



SIGNATURE

SEND ALL CORRESPONDENCE TO:

August 17, 2006

Andrew D. Meikle

NAME

CUSTOMER NUMBER: 02292

32,868

REGISTRATION NUMBER

/clb

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U. S. APPLICATION NO. (If known) (37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
10/589902 NEW		PCT/JP2005/003232		1254-0321PUS1	
20. <input checked="" type="checkbox"/> Other items or information: Return Receipt Postcard PCT/ISA/210; PCT/IB/304; PCT/IB/308 (2 sheets); Sequence Listing - Eighty-Two (82) pages; Petition to Accept Colored Drawings; Petition Fee Transmittal; Drawings - Twelve (12) Sheets					
21. <input checked="" type="checkbox"/> The following fees have been submitted					
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$300					
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 All other situations \$200					
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400 All other situations \$500					
TOTAL OF 21, 22 and 23 = \$ 900.00					
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
149 - 100 =	49 /50 =	1		x \$250.00	
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					
CLAIMS					
Total claims		NUMBER FILED	NUMBER EXTRA	RATE	
Total claims		26 - 20 =	6	x 50.00	300.00
Independent claims		5 - 3 =	2	x 200.00	400.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)					
TOTAL OF ABOVE CALCULATIONS = \$ 1,980.00					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.					
SUBTOTAL = \$ 1,980.00					
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					
TOTAL NATIONAL FEE = \$ 1,980.00					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property					
Petition to Accept Colored Drawings					
TOTAL FEES ENCLOSED = \$ 2,110.00					
Amount to be refunded: \$					
Amount to be charged \$					